

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111615\
 Data File : BM003138.D
 Acq On : 16 Nov 2015 12:06
 Operator : UM/IZ
 Sample : G4259-04RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-01-110315RE

Quant Time: Nov 17 13:46:48 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 12:50:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	168025	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	675001	5.00	ng	-0.01
13) Acenaphthene-d10	14.39	164	310908	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	583708	5.00	ng	-0.03
26) Chrysene-d12	21.33	240	623198	5.00	ng	-0.01
35) Perylene-d12	23.59	264	498238	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	181248	5.10	ng	-0.02
5) Phenol-d6	6.90	99	139503	3.36	ng	-0.02
8) Nitrobenzene-d5	8.90	82	260834	8.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	159447	19.80	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	801848	8.18	ng	-0.02
29) Terphenyl-d14	19.77	244	699377	7.79	ng	0.00

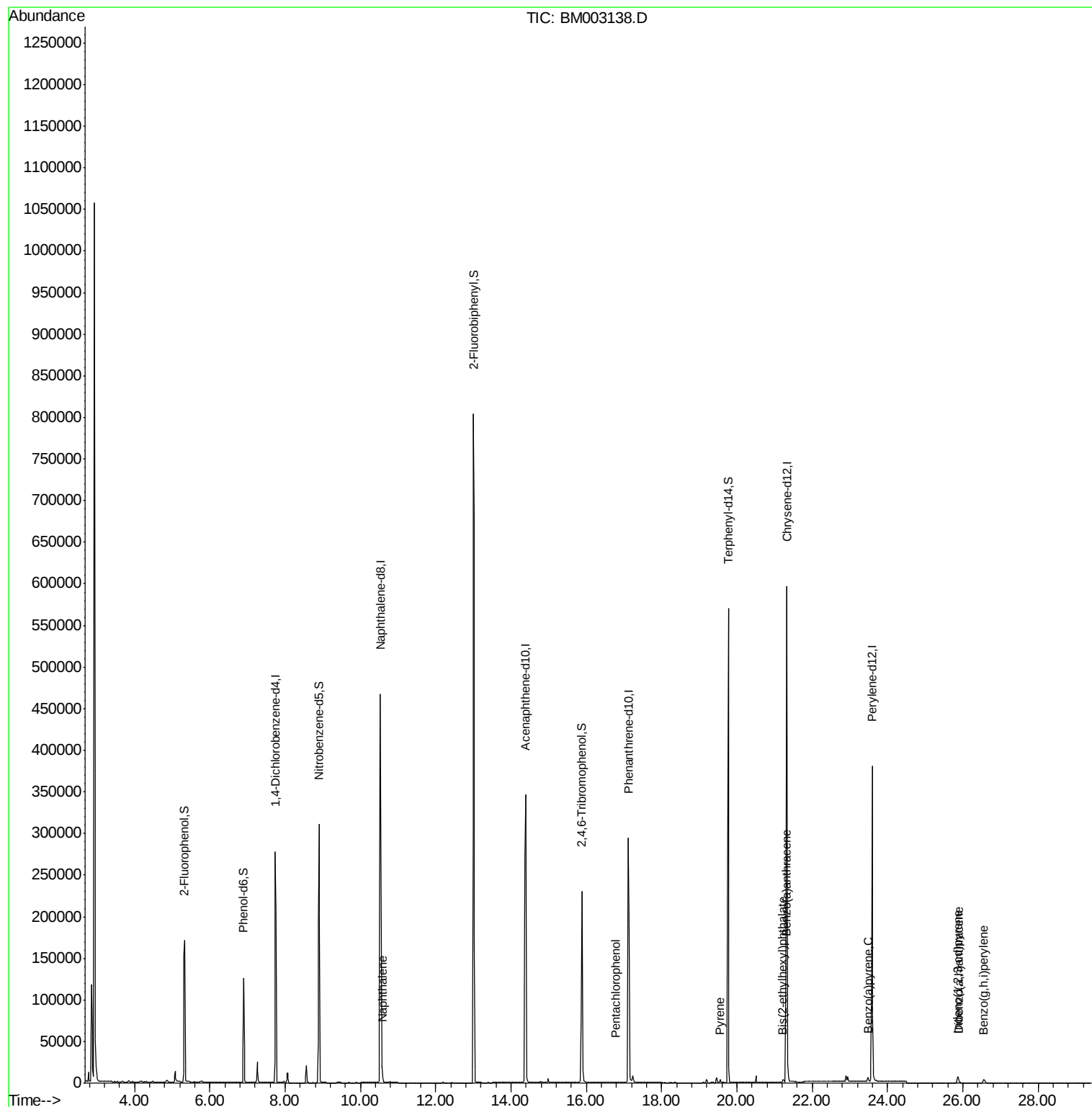
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Naphthalene	10.58	128	25134	0.17	ng	98
22) Pentachlorophenol	16.78	266	140	0.19	ng	# 79
28) Pyrene	19.55	202	4592	0.03	ng	97
30) Benzo(a)anthracene	21.31	228	10613m	0.10	ng	
33) Bis(2-ethylhexyl)phthalate	21.23	149	5181	0.31	ng	# 51
34) Indeno(1,2,3-cd)pyrene	25.86	276	8272	0.11	ng	# 83
38) Benzo(a)pyrene	23.49	252	6975	0.05	ng	# 84
39) Dibenzo(a,h)anthracene	25.89	278	6679	0.05	ng	# 93
40) Benzo(g,h,i)perylene	26.56	276	7836	0.06	ng	93

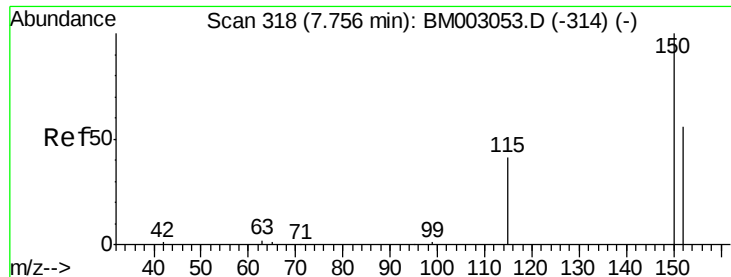
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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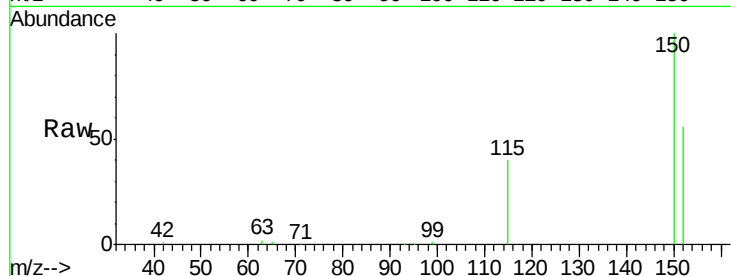


#1

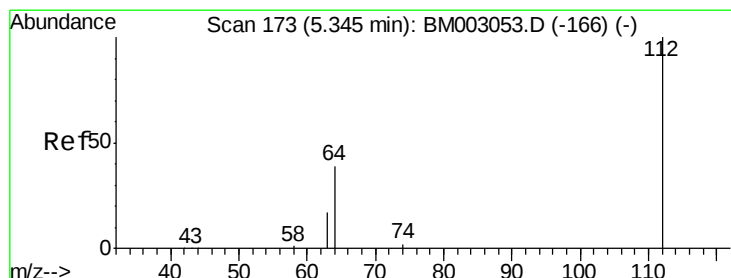
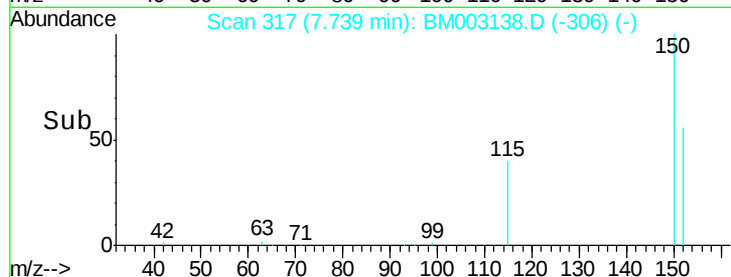
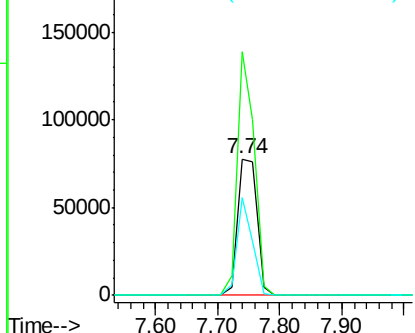
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.02 min
Lab File: BM003138.D
Acq: 16 Nov 2015 12:06

Instrument :
BNA_M
ClientSampleId :
FB-01-110315RE

Tot Ion:152 Resp: 168025
Ion Ratio Lower Upper
152 100
150 178.2 143.6 215.4
115 71.9 58.5 87.7



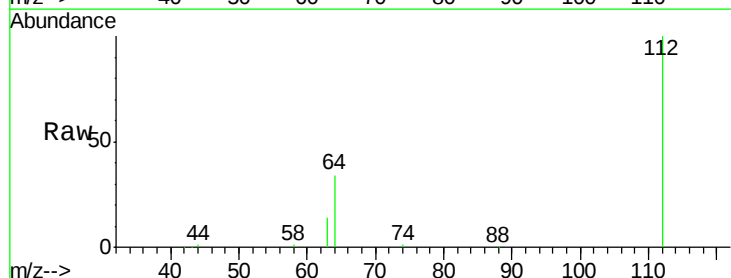
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



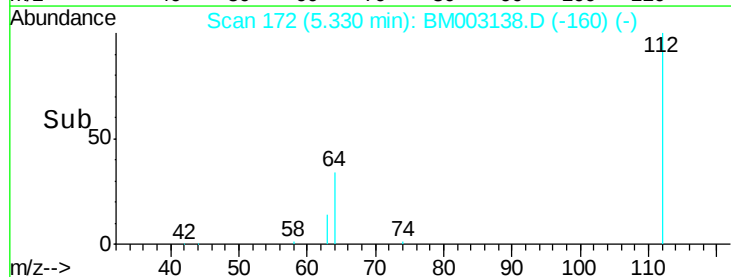
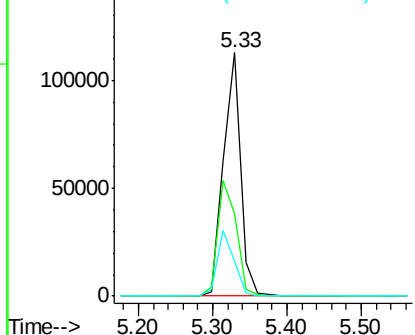
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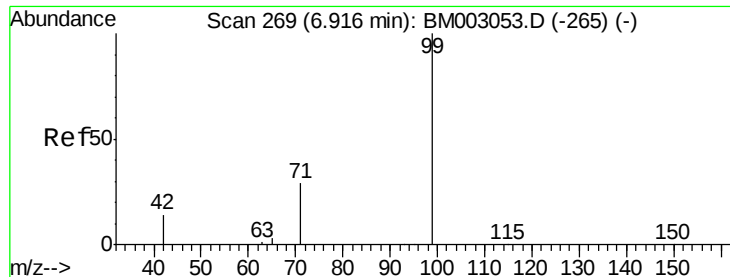
2-Fluorophenol
Concen: 5.10 ng
RT: 5.33 min Scan# 172
Delta R.T. -0.02 min
Lab File: BM003138.D
Acq: 16 Nov 2015 12:06

Tgt Ion:112 Resp: 181248
Ion Ratio Lower Upper
112 100
64 51.1 41.2 61.8
63 26.6 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 3.36 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

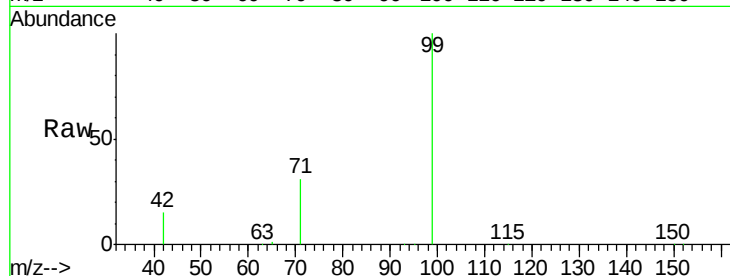
Tot Ion: 99 Resp: 139503

Ion Ratio Lower Upper

99 100

42 16.9 14.6 22.0

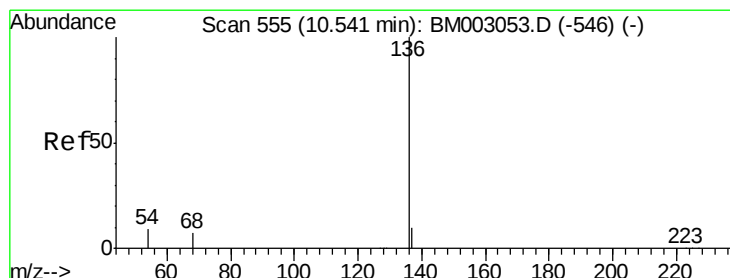
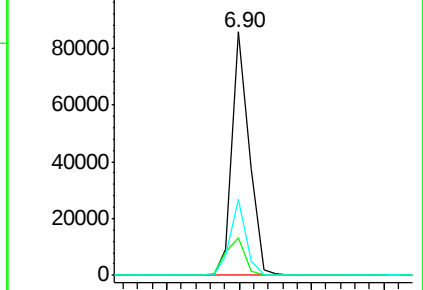
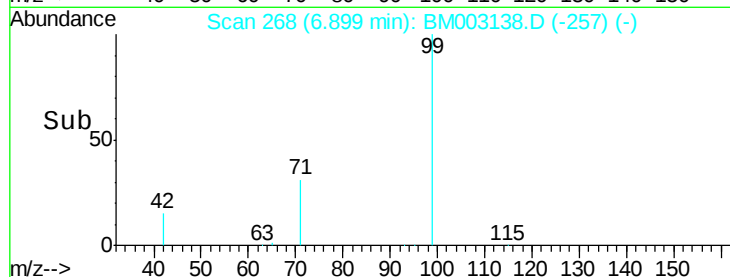
71 29.1 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003138.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BM003138.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BM003138.D (-268) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Tgt Ion: 136 Resp: 675001

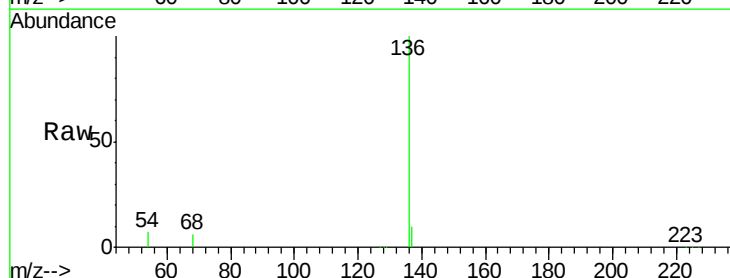
Ion Ratio Lower Upper

136 100

137 10.4 8.0 12.0

54 7.1 7.4 11.0#

68 5.8 5.8 8.6

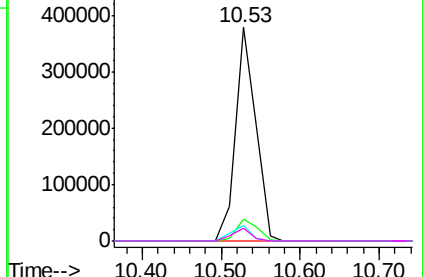
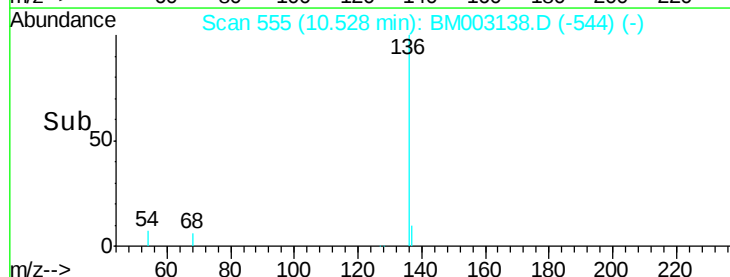


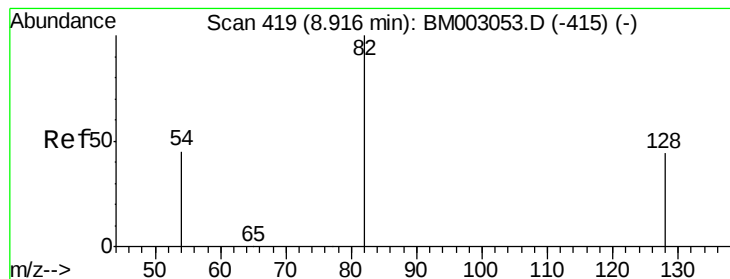
Abundance Ion 136.00 (135.70 to 136.70): BM003138.D (-548) (-)

Ion 137.00 (136.70 to 137.70): BM003138.D (-548) (-)

Ion 54.00 (53.70 to 54.70): BM003138.D (-548) (-)

Ion 68.00 (67.70 to 68.70): BM003138.D (-548) (-)





#8

Nitrobenzene-d5

Concen: 8.38 ng

RT: 8.90 min Scan# 418

Delta R.T. -0.02 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

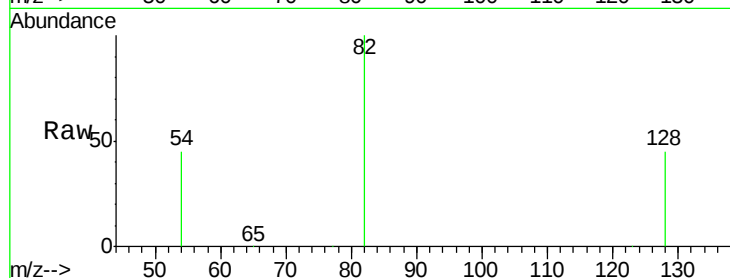
Tot Ion: 82 Resp: 260834

Ion Ratio Lower Upper

82 100

128 44.8 35.2 52.8

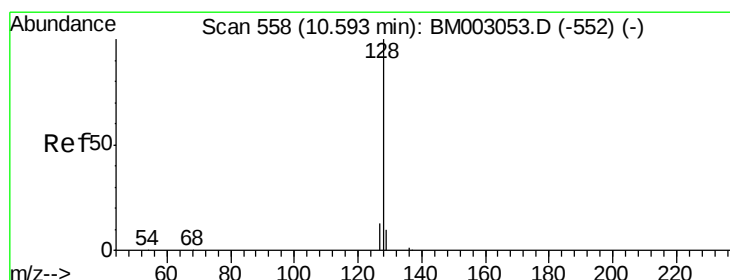
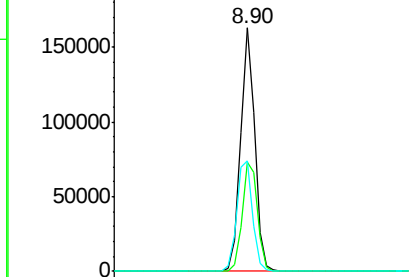
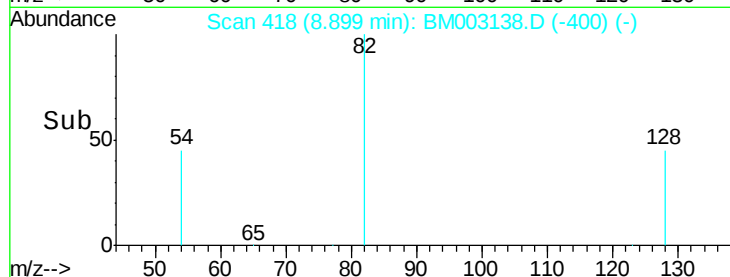
54 45.4 36.4 54.6



Abundance Ion 82.00 (81.70 to 82.70): BM003138.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM003138.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM003138.D (-400) (-)



#10

Naphthalene

Concen: 0.17 ng

RT: 10.58 min Scan# 558

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

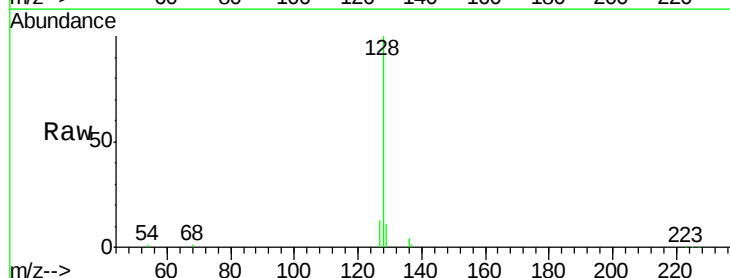
Tgt Ion: 128 Resp: 25134

Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

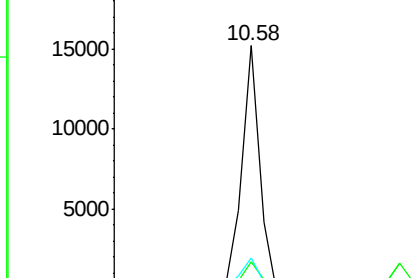
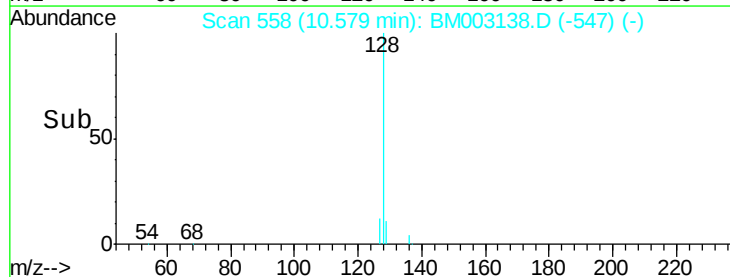
127 12.7 10.6 16.0

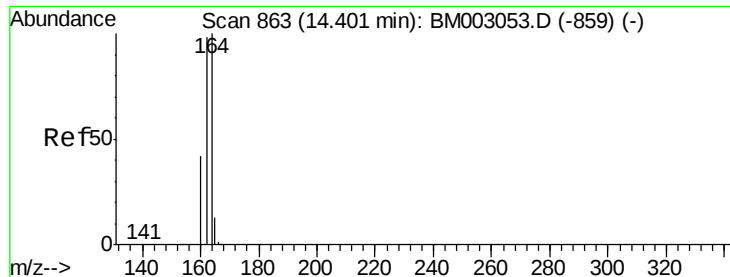


Abundance Ion 128.00 (127.70 to 128.70): BM003138.D (-547) (-)

Ion 129.00 (128.70 to 129.70): BM003138.D (-547) (-)

Ion 127.00 (126.70 to 127.70): BM003138.D (-547) (-)





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

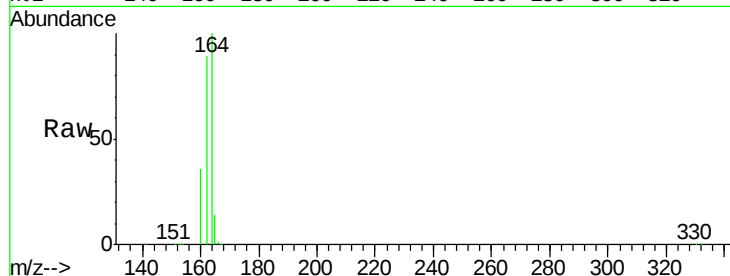
Tot Ion:164 Resp: 310908

Ion Ratio Lower Upper

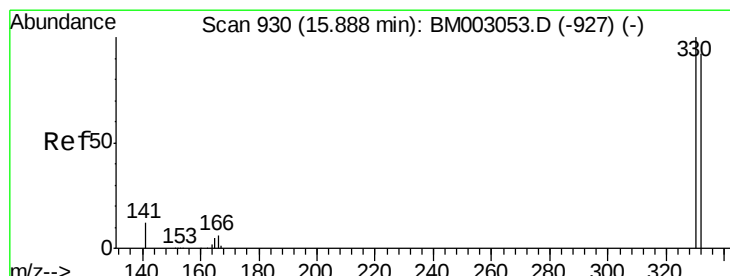
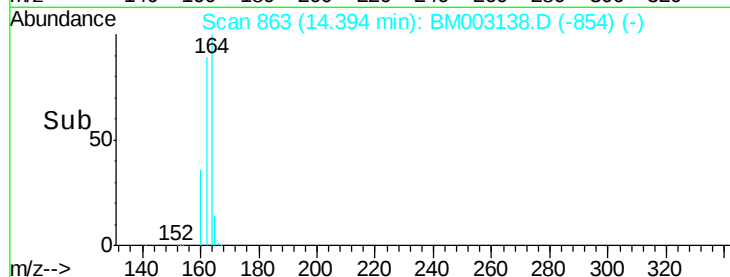
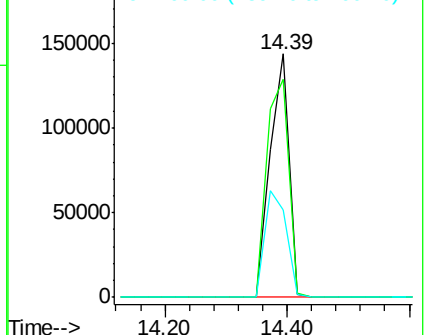
164 100

162 89.4 78.3 117.5

160 36.0 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 19.80 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

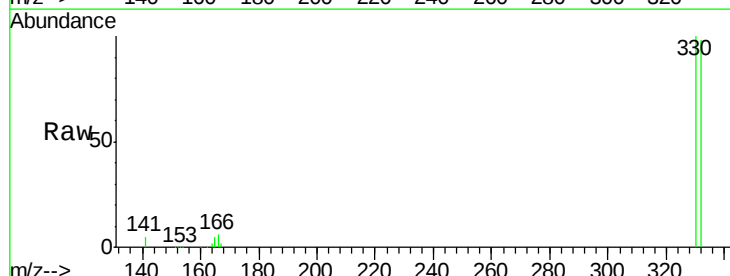
Tgt Ion:330 Resp: 159447

Ion Ratio Lower Upper

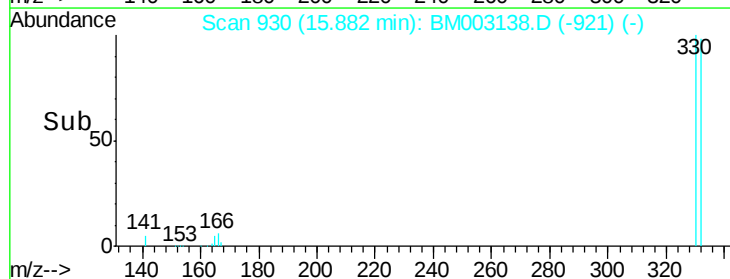
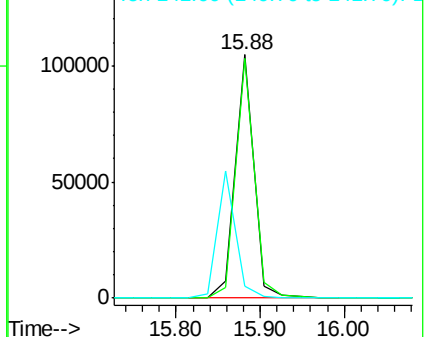
330 100

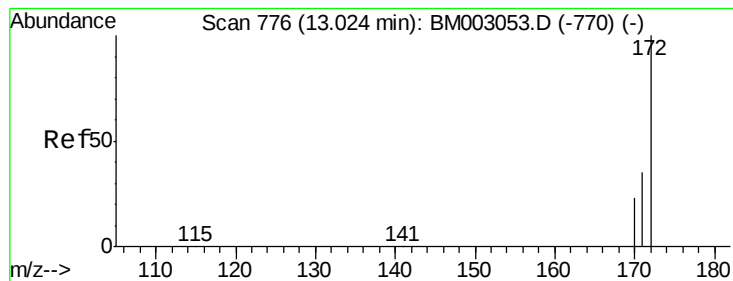
332 97.7 76.0 114.0

141 0.0 0.0 0.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

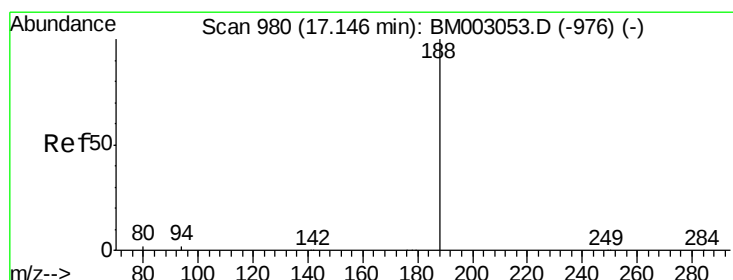
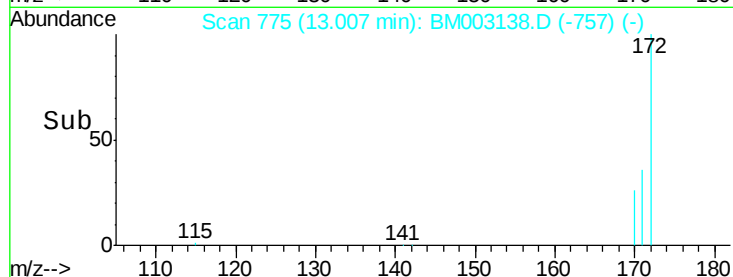
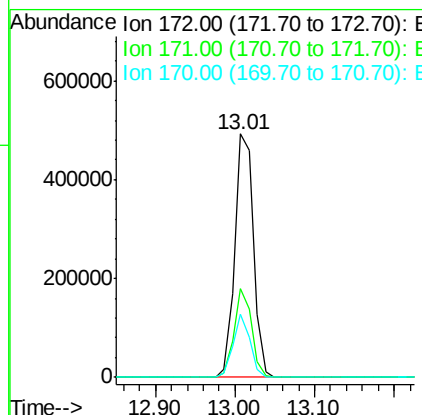
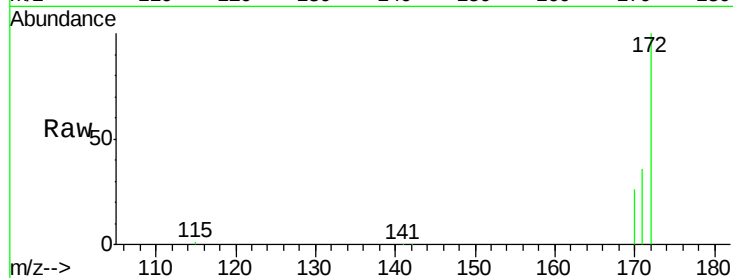




#15
2-Fluorobiphenyl
Concen: 8.18 ng
RT: 13.01 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM003138.D
Acq: 16 Nov 2015 12:06

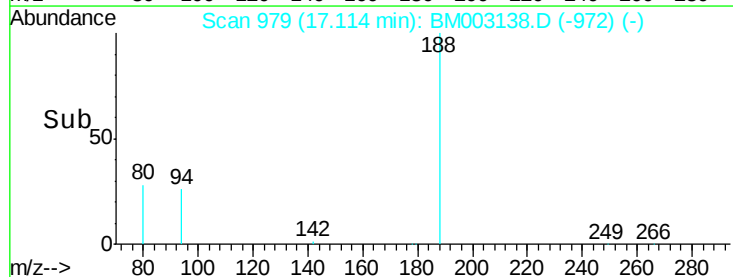
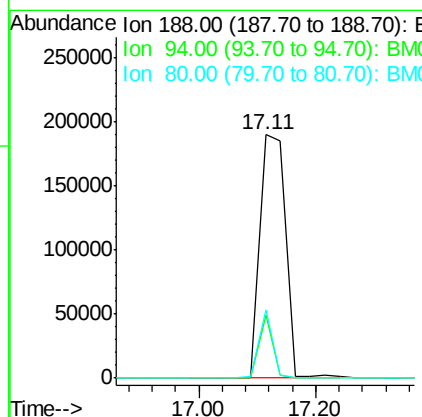
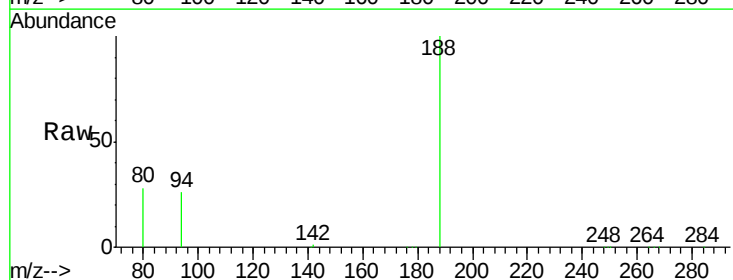
Instrument :
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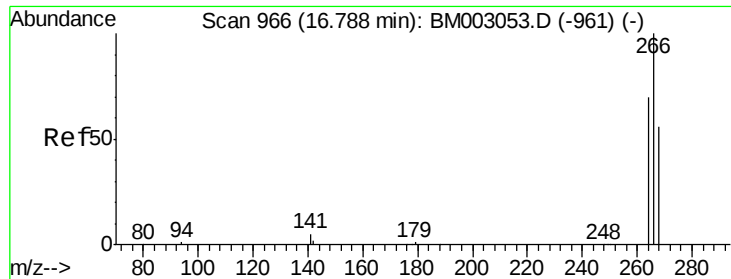
Tot Ion:172 Resp: 801848
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 26.0 18.9 28.3



#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM003138.D
Acq: 16 Nov 2015 12:06

Tgt Ion:188 Resp: 583708
Ion Ratio Lower Upper
188 100
94 26.1 1.8 2.6#
80 28.2 1.4 2.0#





#22

Pentachlorophenol

Concen: 0.19 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

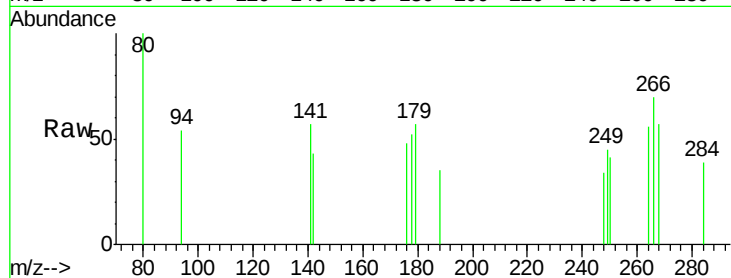
Tot Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

268 81.2 45.8 68.8#

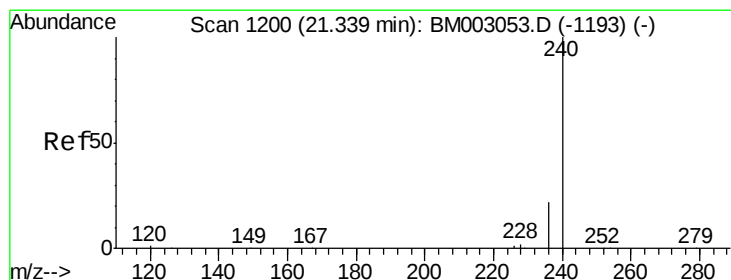
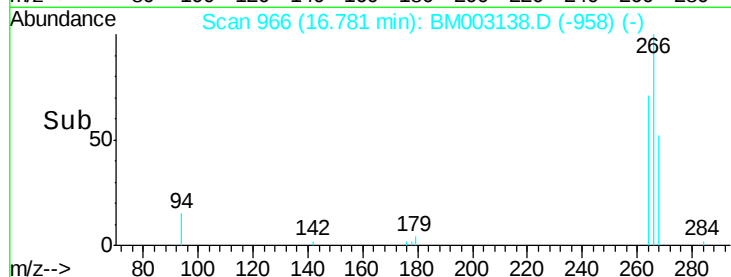
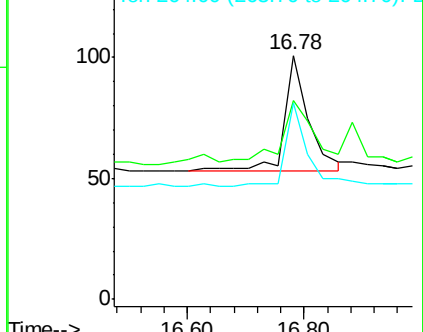
264 80.2 56.7 85.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

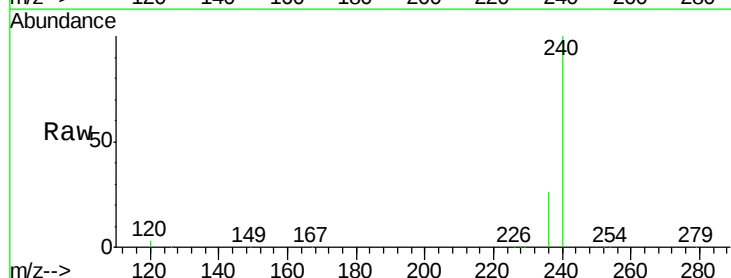
Tgt Ion:240 Resp: 623198

Ion Ratio Lower Upper

240 100

120 2.7 1.0 1.4#

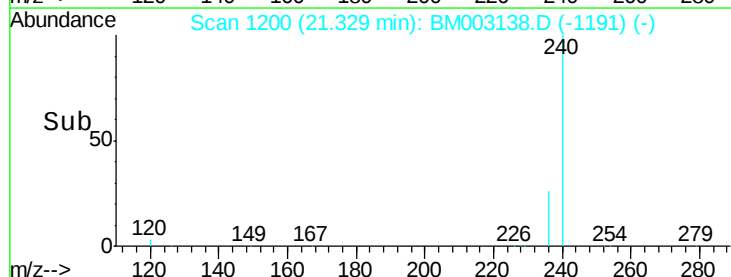
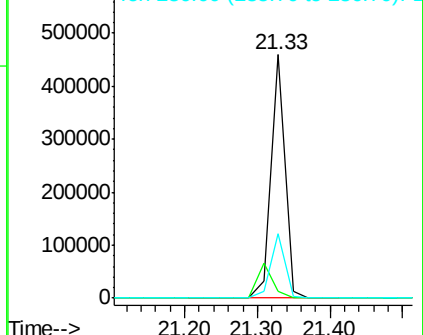
236 26.4 17.9 26.9

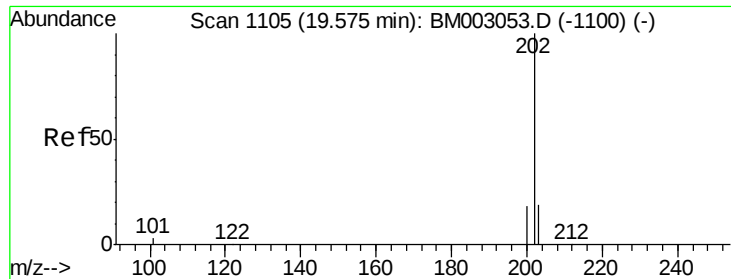


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

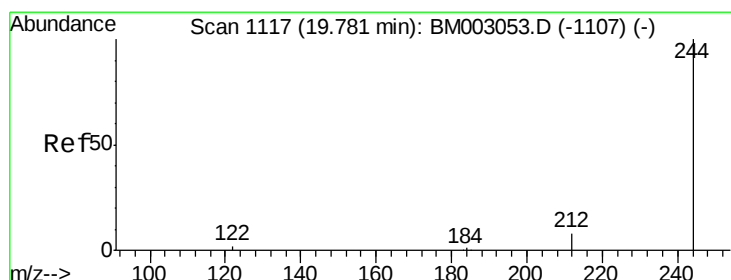
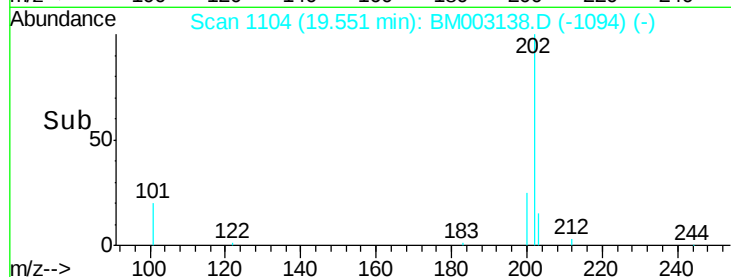
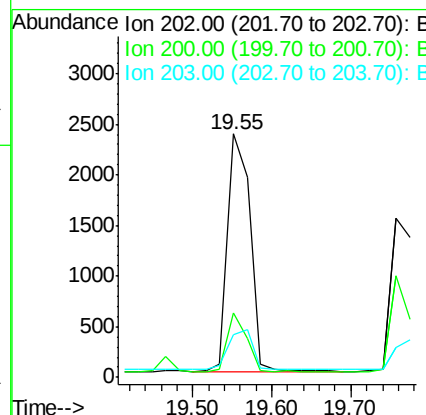
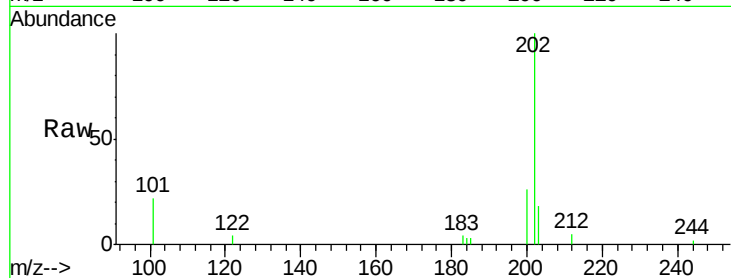




#28
Pvrene
Concen: 0.03 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BM003138.D
Acq: 16 Nov 2015 12:06

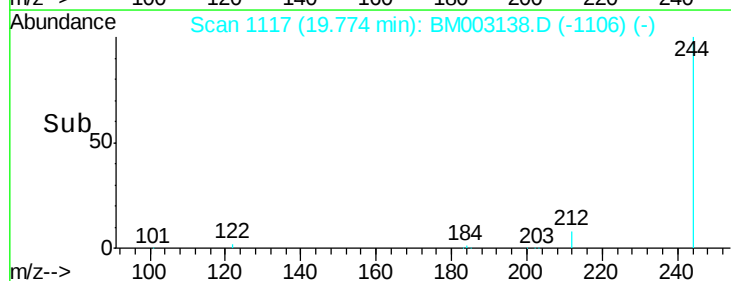
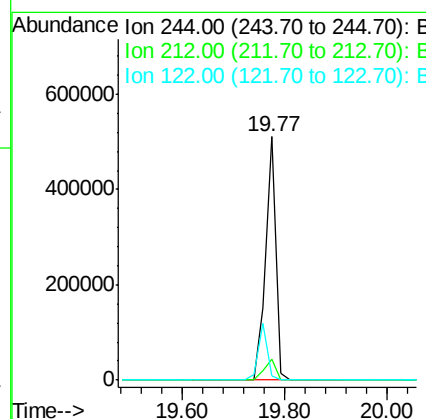
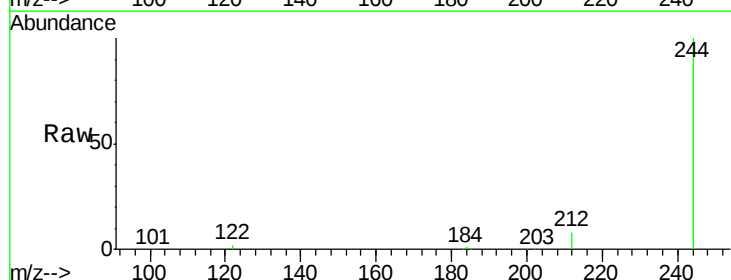
Instrument :
BNA_M
ClientSampleId :
FB-01-110315RE

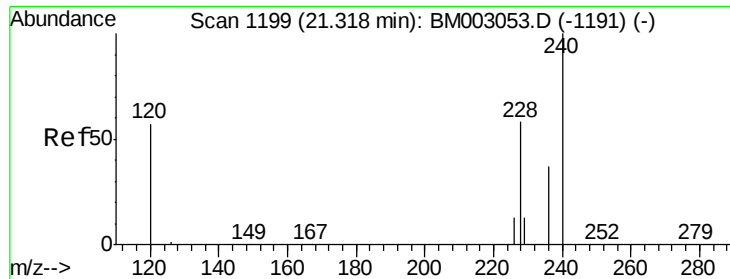
Tot Ion:202 Resp: 4592
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 19.2 13.8 20.6



#29
Terphenyl-d14
Concen: 7.79 ng
RT: 19.77 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM003138.D
Acq: 16 Nov 2015 12:06

Tgt Ion:244 Resp: 699377
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 1.8 2.0 3.0#





#30

Benzo(a)anthracene

Concen: 0.10 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

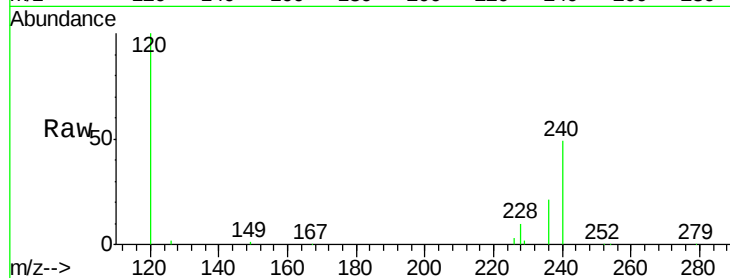
Tot Ion:228 Resp: 10613

Ion Ratio Lower Upper

228 100

226 26.0 17.8 26.6

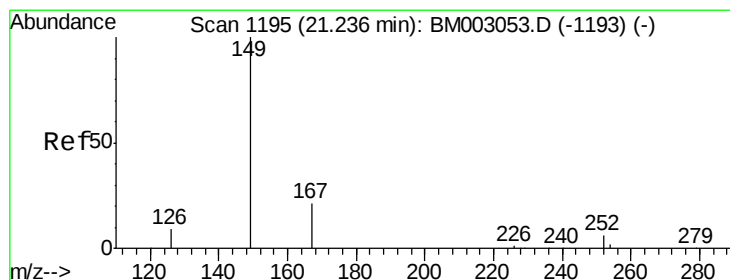
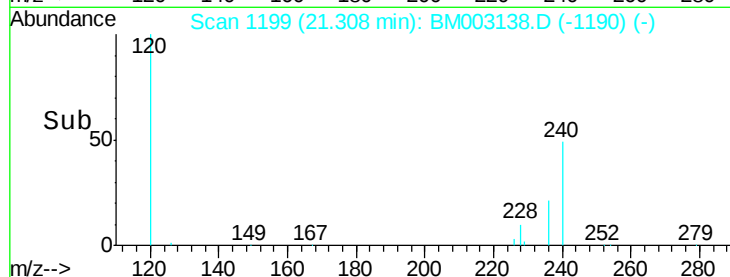
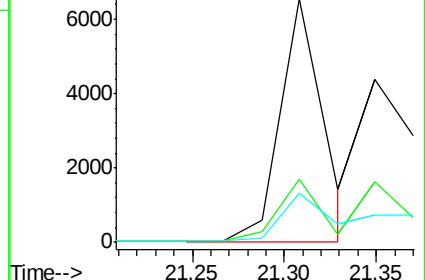
229 19.9 18.0 27.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

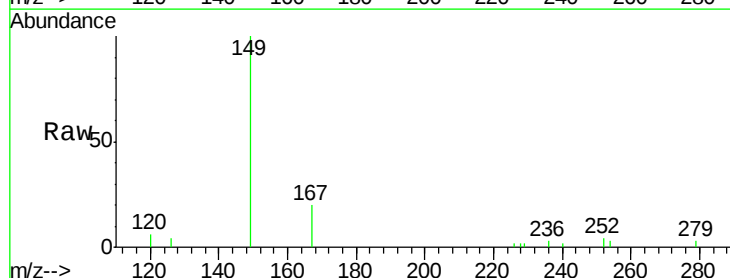
Tgt Ion:149 Resp: 5181

Ion Ratio Lower Upper

149 100

167 0.0 19.6 29.4#

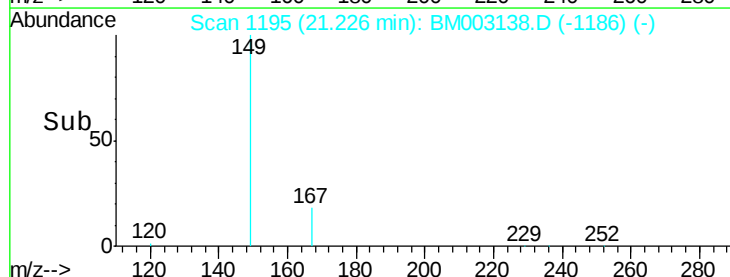
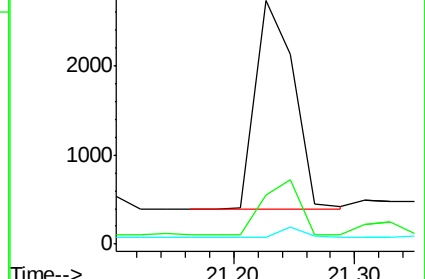
279 0.0 0.0 0.0

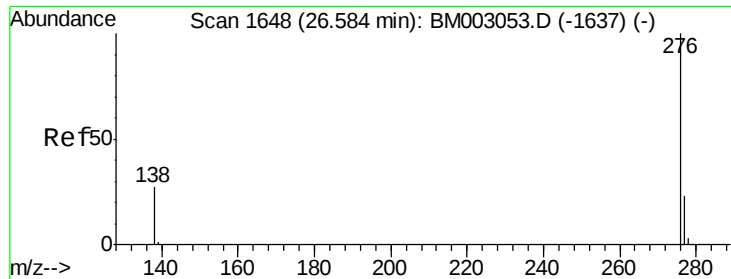


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

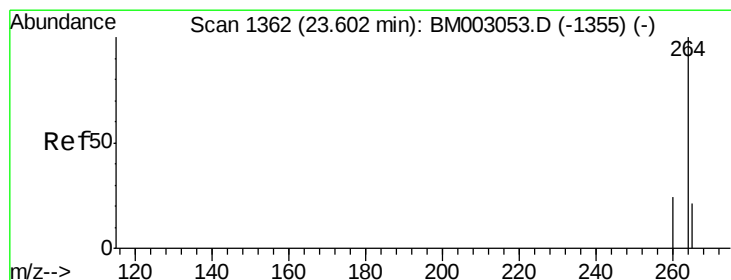
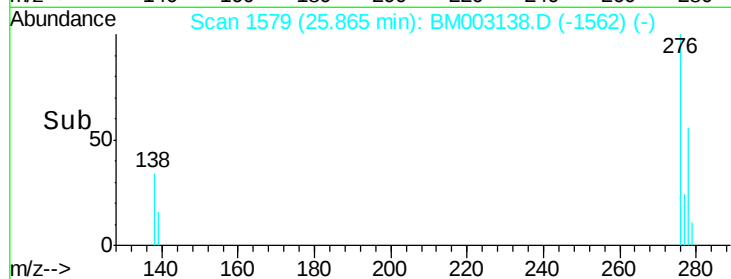
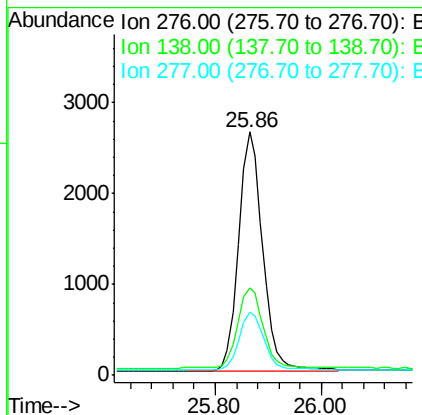
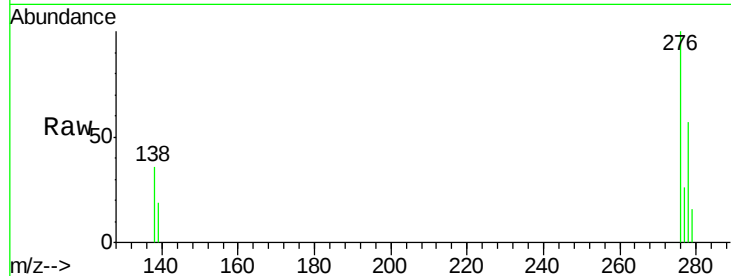




#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 25.86 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BM003138.D
 Acq: 16 Nov 2015 12:06

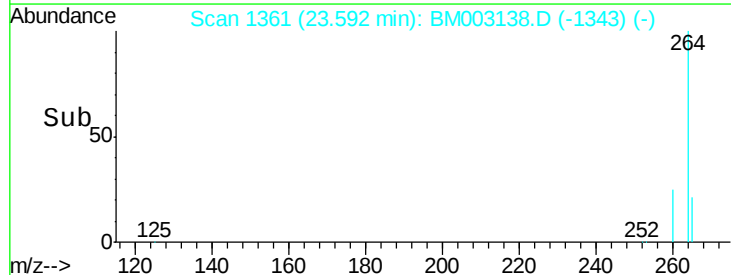
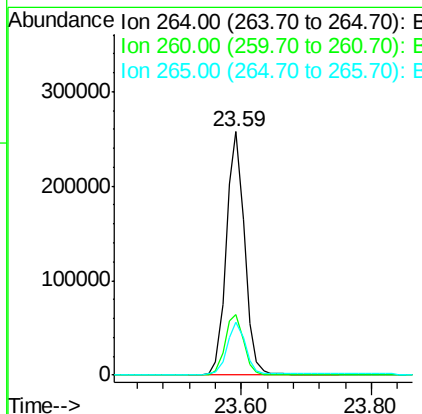
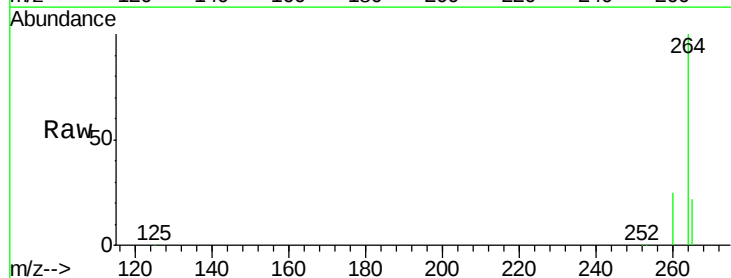
Instrument :
 BNA_M
 ClientSampleId :
 FB-01-110315RE

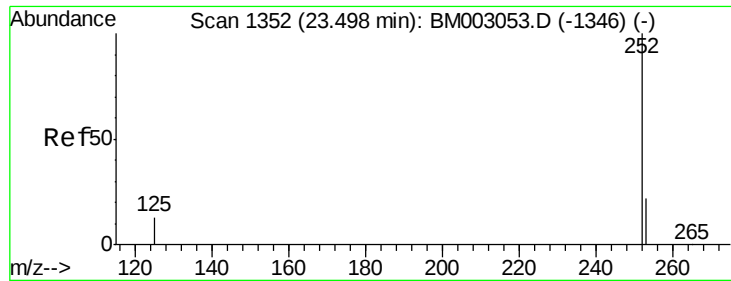
Tot Ion:276 Resp: 8272
 Ion Ratio Lower Upper
 276 100
 138 35.0 19.1 28.7#
 277 25.0 15.9 23.9#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.59 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BM003138.D
 Acq: 16 Nov 2015 12:06

Tgt Ion:264 Resp: 498238
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 21.8 18.4 27.6





#38

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.49 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

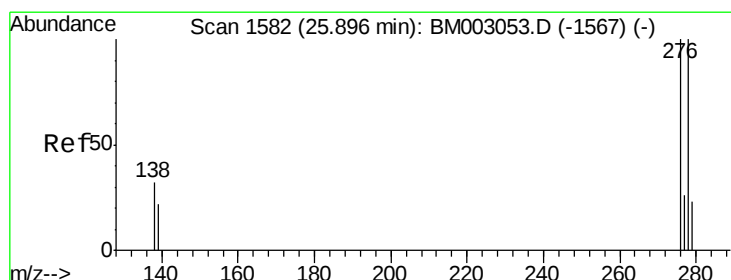
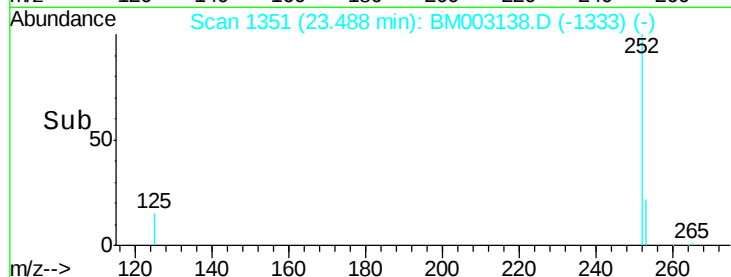
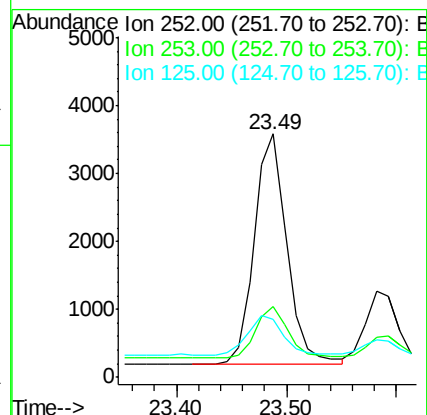
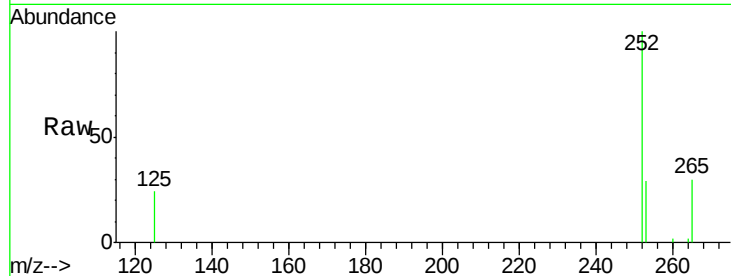
Tot Ion:252 Resp: 6975

Ion Ratio Lower Upper

252 100

253 29.2 18.7 28.1#

125 23.6 11.6 17.4#



#39

Dibenzo(a,h)anthracene

Concen: 0.05 ng

RT: 25.89 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

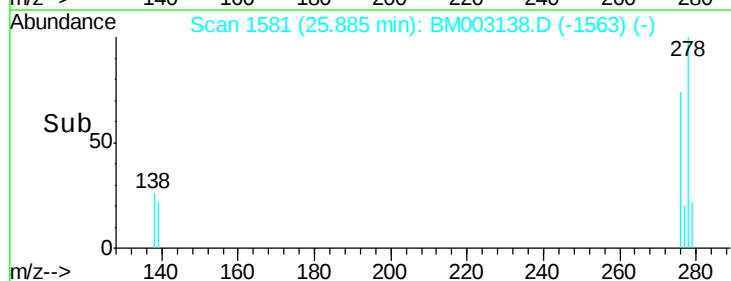
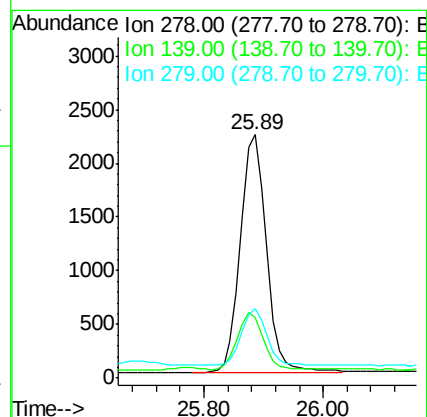
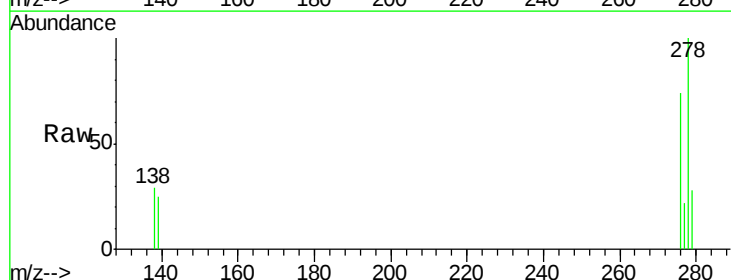
Tgt Ion:278 Resp: 6679

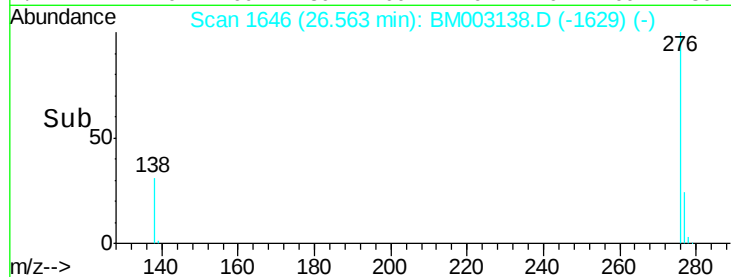
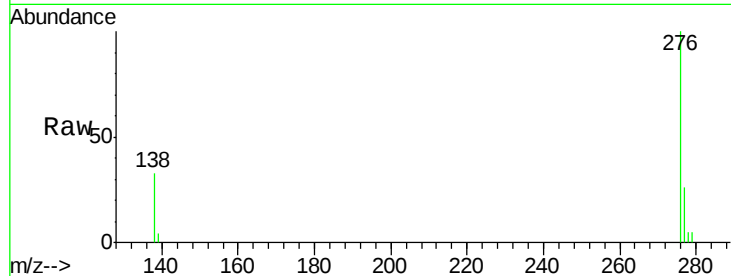
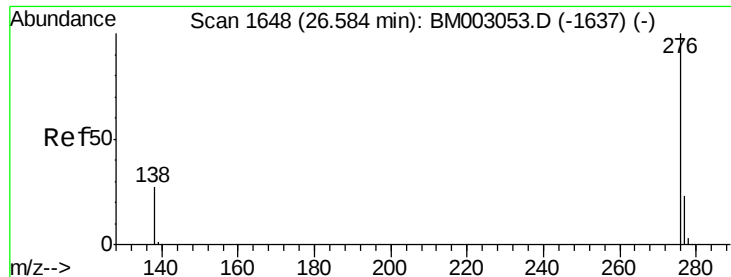
Ion Ratio Lower Upper

278 100

139 25.0 18.2 27.4

279 28.3 18.8 28.2#





#40

Benzo(a,h,i)perylene

Concen: 0.06 ng

RT: 26.56 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BM003138.D

Acq: 16 Nov 2015 12:06

Instrument :

BNA_M

ClientSampleId :

FB-01-110315RE

Tot Ion: 276 Resp: 7836

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.6

138 33.2 22.3 33.5

